

Converting Colors

Android(4285827311)

Have a look what the booklet for
Android(4285827311) contains.

Android(4285827311)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4285827311)

Conversions

Conversions Part 1

Format	Color
Hex	7488EF
RGB	116, 136, 239
RGB Percent	45%, 53%, 94%
CMY	0.5451, 0.4667, 0.0627
CMYK	0.51, 0.43, 0.00, 0.06
HSL	230°, 79%, 70%
HSV	230°, 51%, 94%
XYZ	31.5866, 27.5533, 85.3149
YIQ	141.7620, -44.9830, 27.7930

Conversions

Conversions Part 2

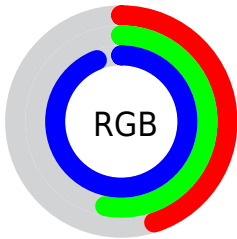
Format	Color
RYB	116, 133, 239
Decimal	7637231
CIELab	59.48, 20.97, -54.24
CIElCh	59, 58.153, 291.141
Yxy	27.5533, 0.2187, 0.1907
Android (android.graphics.Color)	4285827311 (0xFF7488EF)
YUV	141.7620, 47.9383, -22.5933
Hunter-Lab	52.4913, 15.5527, -59.6211

Details

The Android color `4285827311` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4293909364`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4289641983`, and `4281751478` is the 20% darker color. If you saturate the color by 10%, you get `4284249327`, and if you desaturate by 10%, it is `4287405295`.

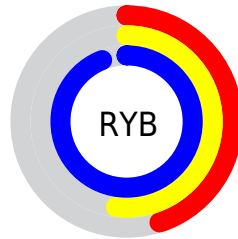
Distribution



Red (45%)

Green (53%)

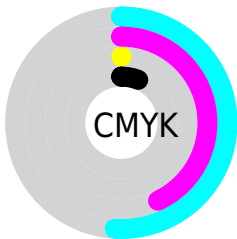
Blue (94%)



Red (45%)

Yellow (52%)

Blue (94%)

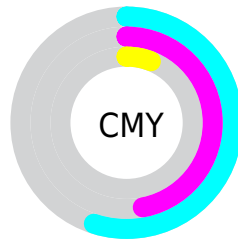


Cyan (51%)

Magenta (43%)

Yellow (0%)

Black (6%)



Cyan (55%)

Magenta (47%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285827311 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4285827311 by changing the saturation by 10% instead.

 4285827311


 4285827311

4294967295

 4283854802

 4289641983

 4281751478

 4291615231

 4278403227

 4293588479

 4278200960

 4278196071

 4278190158

 4278191414

 4278190624

 4278190084

■ 4285827311

■ 4285827311

■ 4284249327

■ 4287405295

■ 4282671343

■ 4288983279

■ 4281093359

■ 4290561263

■ 4279515375

■ 4292139247

■ 4278200303

■ 4293651695

■ 4294967279

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278229492



4285827311



4290671312

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4285827311



4292506432



4278232958

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4285827311



4293909364

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4282819147



4285827311



4290217761

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4285827311



4293681773



4287076133



4278233267

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4285827311



4292568497



4287076133



4278232684

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4285827311



4292468735



4285853658



4285099136



4278190080



4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4285827311



4284578815



4288509167



4285296248



4278197944



4278192440

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4293883016



4294926715



4291227508



4286082158



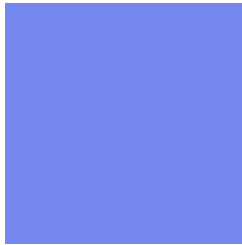
4290248734



4281860105

Previews

White Background



This preview shows how the Android color 4285827311 looks on a white background.

Color Contrast Check

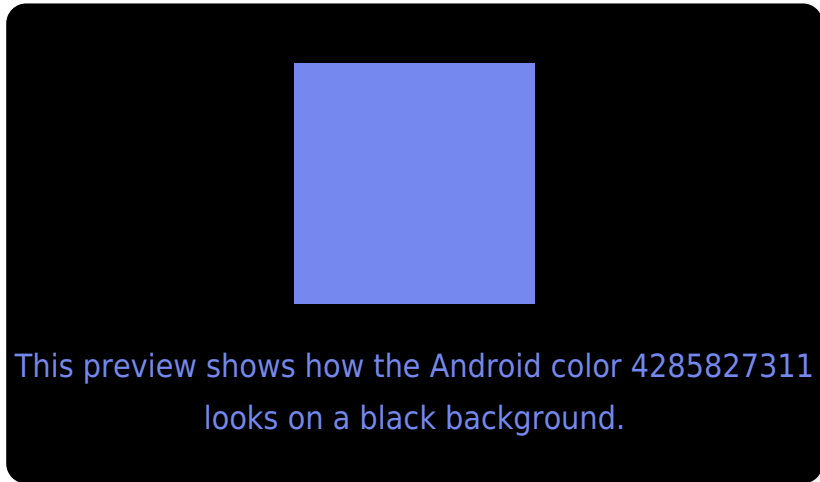
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4285827311 Background



This preview shows how black text looks on a background with the Android color 4285827311.



This preview shows how white text looks on a background with the Android color 4285827311.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
4285827311

Protanopia
4284713970

Deuteranopia
4283470061

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4285827311 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(116, 136, 239)` looks like.

```
.text, #text, p{  
    color:rgb(116, 136, 239)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(116, 136, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 136, 239) }
```

Border

The CSS property to change the border of an element to Android 4285827311 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 136, 239) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(116, 136, 239) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(116, 136, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 136, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 136, 239);  
box-shadow:4px 4px 4px 4px rgb(116, 136,  
239) }
```

Background

The CSS property to change the background color of an element to Android 4285827311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 136, 239) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(116,  
136, 239) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor